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IDEA-0323-68

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8 May 1968

MEMORANDUM FOR: IDEALIST Division, Operations, OSA

SUBJECT: U-2R Drift Sight Improvement

1. During the development of the day and night drift-sight which is currently nearing completion, a feature was added that may be attractive for use in the U-2R drift sight. A Fresnell ruled plastic viewing screen was introduced in the viewing field that permits biocular vision. One of these units that has an imperceptible flaw in it is available for examination by Detachment G drivers. It is proposed that this unit will be shipped by Perkins Elmer to their field representative at Detachment G, [] for installation in one of the U-2R drift sights.

2. The principal advantage of this type of biocular vision versus the monocular vision currently available is an impression of higher resolution and greater light gathering capabilities, and a consequent greater degree of viewing comfort by the driver. In the event that Detachment drivers are favorably impressed with the biocular capability, the manufacturer will be queried to obtain costs for introducing this feature to the U-2R fleet. Budgetary costs per unit are estimated at []

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**Sender Systems Division
Special Activities**

SSD/R&D/OSA [] JG (8 May 68)

Distribution:

- 1 - IDEA/O/OSA
- 2 - D/O/OSA
- 3 - D/R&D/OSA
- 4 - D/M/OSA
- 5 - DD/SA
- 6 - SSD/R&D/OSA
- 7 - SSD/R&D Chrono
- 8 - RB/OSA

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